

# **The Trail Inventory of Little River NWR Broken Bow, OK**



Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
December, 2011



# TABLE OF CONTENTS

<b><u>SECTION</u></b>	<b><u>PAGE</u></b>
<b>I.     <u>TRAIL AND TRAIL FEATURE SUMMARIES</u></b>	1 - 1
<b>II.    <u>TRAIL LOCATION MAPS</u></b>	2 - 1
<b>III.   <u>TRAIL IDENTIFICATION LIST</u></b>	3 - 1
<b>IV.    <u>TRAIL CONDITION RATING SHEETS</u></b>	4 - 1
<b>V.     <u>TRAIL DEFICIENCY RATING SHEETS</u></b>	5 - 1
<b>VI.    <u>PHOTOGRAPHIC SHEETS</u></b>	6 - 1
<b>VII.   <u>GLOSSARY</u></b>	i

# Little River NWR

## Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

Trail Surface Type	Others		Total
	Miles	%	Miles
Admin Road	3.00	100%	3.00
Total	3.00	100%	3.00

Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Others		Total
	Miles	%	Miles
TC3	3.00	100%	3.00
Total	3.00	100%	3.00

\*Admin Roads are included in the inventory but are not rated for condition.

## Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Gate	1	No	0.00	LIRI_C2_0468
T300	Trailhead	1	No	0.00	LIRI_C2_0468
T300	Culvert -lf	1	No	0.03	
T300	Culvert -lf	25	No	0.47	
T300	Culvert -lf	30	No	0.57	
T300	Culvert -lf	25	No	0.77	
T301	Trailhead	1	No	0.00	LIRI_C2_0469
T301	Gate	1	No	0.01	LIRI_C2_0469
T301	Sign	1	No	0.01	LIRI_C2_0469
T301	Culvert -lf	40	No	0.21	
T301	Culvert -lf	30	No	0.29	
T302	Trailhead	1	No	0.00	LIRI_C2_0470
T302	Culvert -lf	15	No	0.30	
T303	Trailhead	1	No	0.00	LIRI_C2_0472
T303	Sign	1	No	0.02	LIRI_C2_0473
T303	Culvert -lf	45	No	0.13	
T303	Culvert -lf	25	No	0.22	
T303	Culvert -lf	30	No	0.25	
T303	Culvert -lf	30	No	0.28	
T303	Culvert -lf	30	No	0.31	
T303	Culvert -lf	25	No	0.37	
T303	Begin Section	1	No	0.45	LIRI_C2_0229
T303	Max Grade- %	8	No	0.55	
T304	Trailhead	1	No	0.00	LIRI_C2_0476
T304	Sign	1	No	0.00	LIRI_C2_0476
T305	Trailhead	1	No	0.00	LIRI_C2_0477
T305	Sign	1	No	0.00	LIRI_C2_0477
T305	Gate	1	No	0.00	LIRI_C2_0477
T305	Culvert -lf	20	No	0.02	
T305	Culvert -lf	20	No	0.13	
T305	Culvert -lf	20	No	0.20	
T305	Culvert -lf	20	No	0.26	
T305	Culvert -lf	20	No	0.28	
T305	Culvert -lf	20	No	0.44	
T305	Culvert -lf	20	No	0.54	

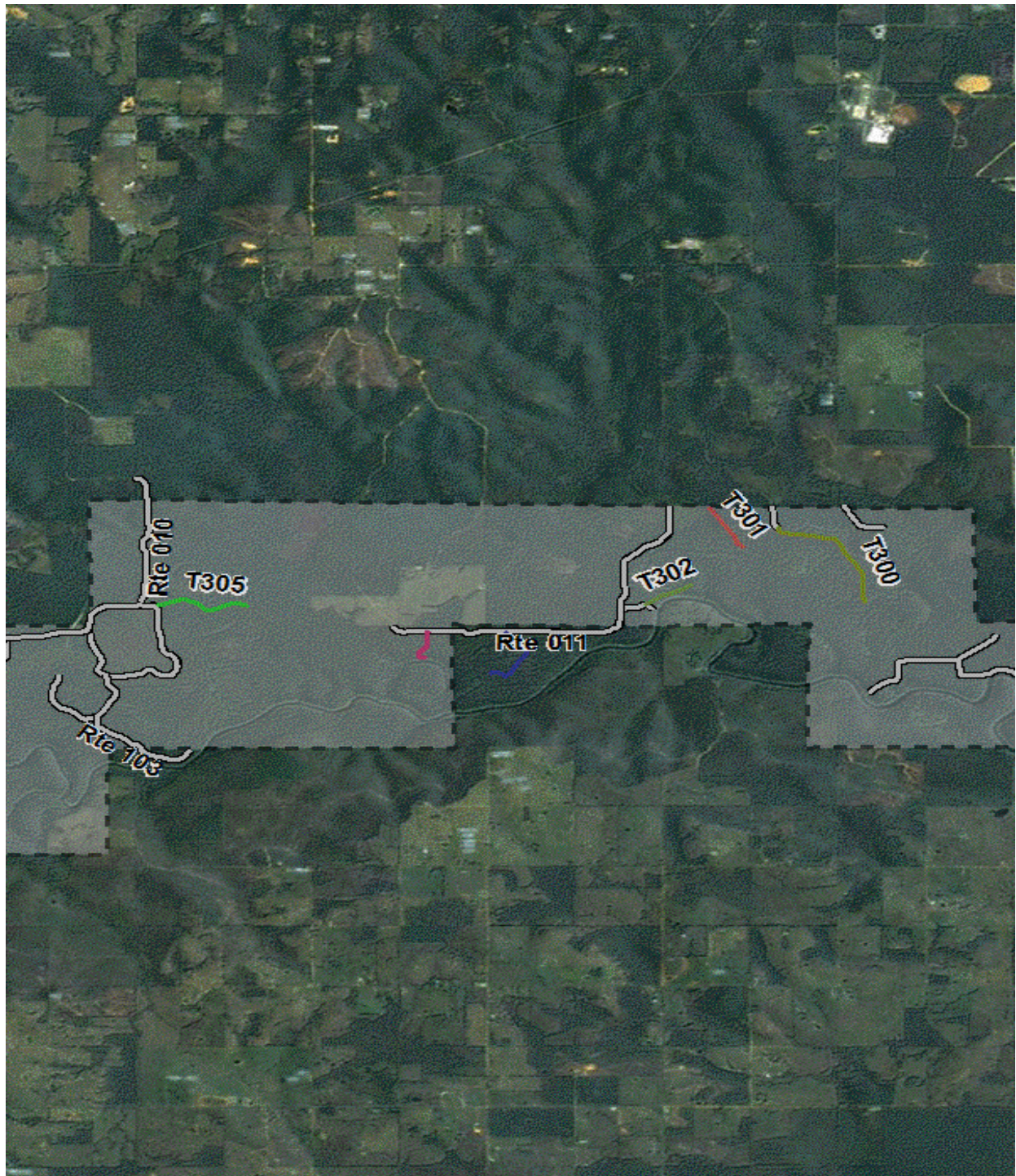
sf - square feet

lf - linear feet

cf - cubic feet



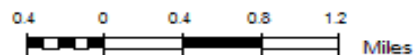
# Little River NWR Trail Location Map



Station Boundary



HQ/VC



## Trails ID

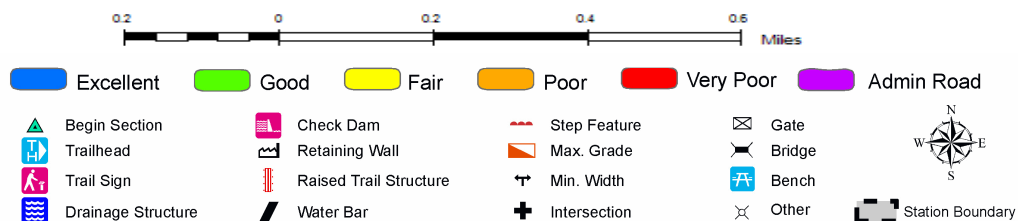
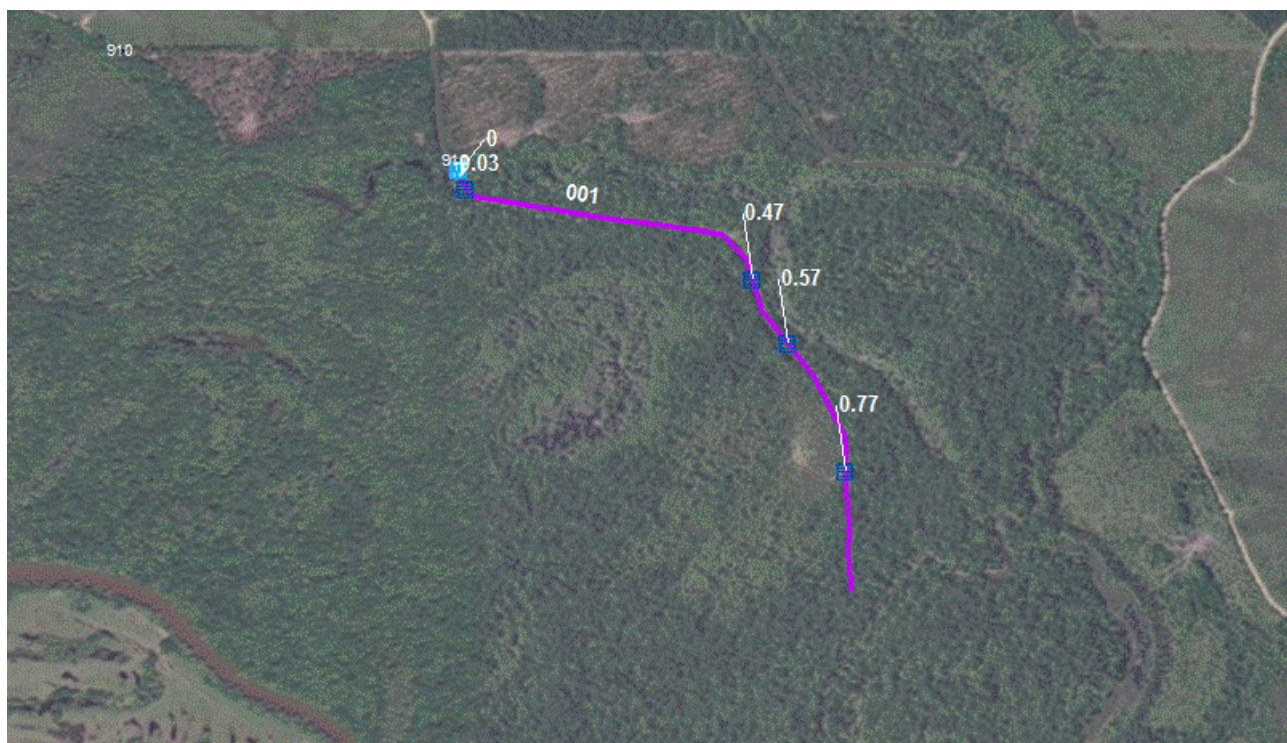
**Station Name:** Little River NWR

**Org Code:** 21680

Trail Number	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Buzzard Roost Trail	Admin Road	10037252	0.93	From Unit Central Road Parking Area (Rte 911) to End of Trail
T301	GTR Trail	Admin Road	10037252	0.38	From Unit 4 West Road Parking Area (Rte 910) to End of Trail
T302	Horseshoe Trail	Admin Road	10037252	0.31	From Choctaw Road Parking Area (Rte 905) to End of Trail
T303	Nine Mile Eddy Trail	Admin Road	10037252	0.56	From Unit 3 Access Road (Rte 011) to End of Trail
T304	Yanubbee Lake Trail	Admin Road	10037252	0.26	From Unit 3 Access Road (Rte 011) to End of Trail
T305	Lizard Slough Trail	Admin Road	10037252	0.56	From Observation Tower Parking Area (Rte 901) to End of Trail



## TRAIL CONDITION



**Trail Name:** Buzzard Roost Trail  
**Trail Number:** T300

**Refuge Name:** Little River NWR  
**Region:** 2

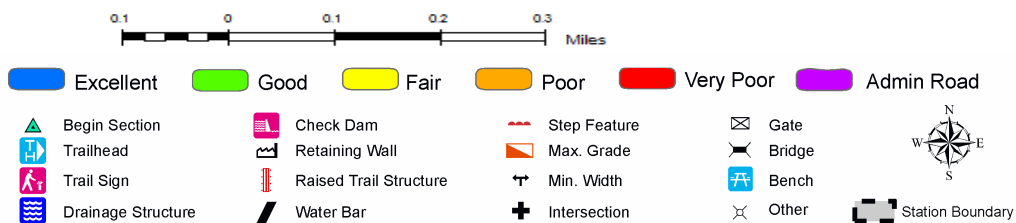
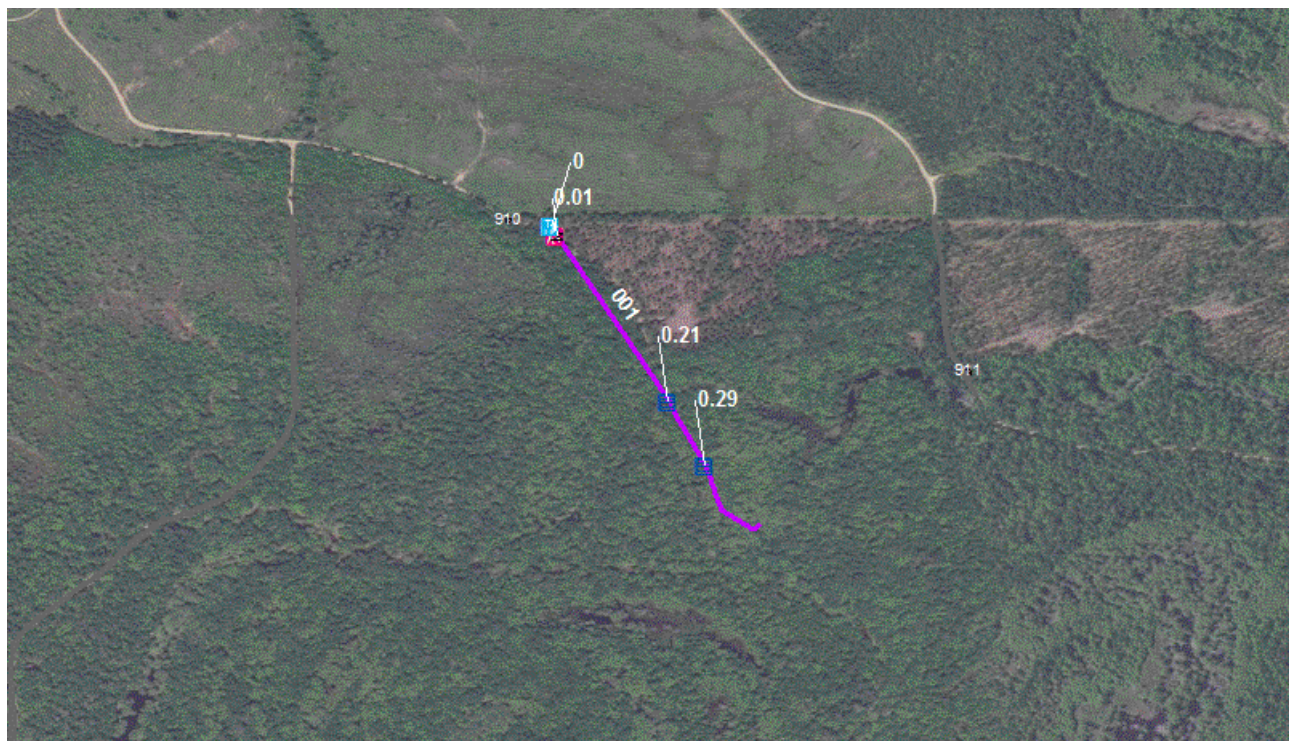
**Total Length:** 0.93 Miles

Section Number	001
Section Length (miles)	0.93
SAMMS Number	10037252
Rating Date	06/15/2006
<b>Trail Section Information</b>	
Trail Class	TC3
Surface Type	Admin Road
Surface Firmness	Firm
Width (inches)	144
Average Grade (%)	3.1
Average X-slope (%)	2.40
<b>Trail Condition Information</b>	
Deferred Maintenance	
CRV	
FCI	
Condition	

### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition

## TRAIL CONDITION



**Trail Name:** GTR Trail

**Refuge Name:** Little River NWR

**Trail Number:** T301

**Region:** 2

**Total Length:** 0.38 Miles

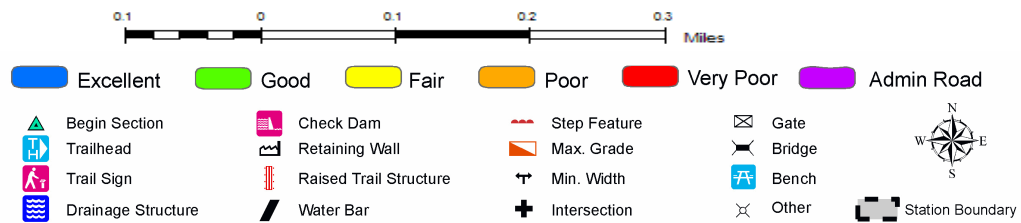
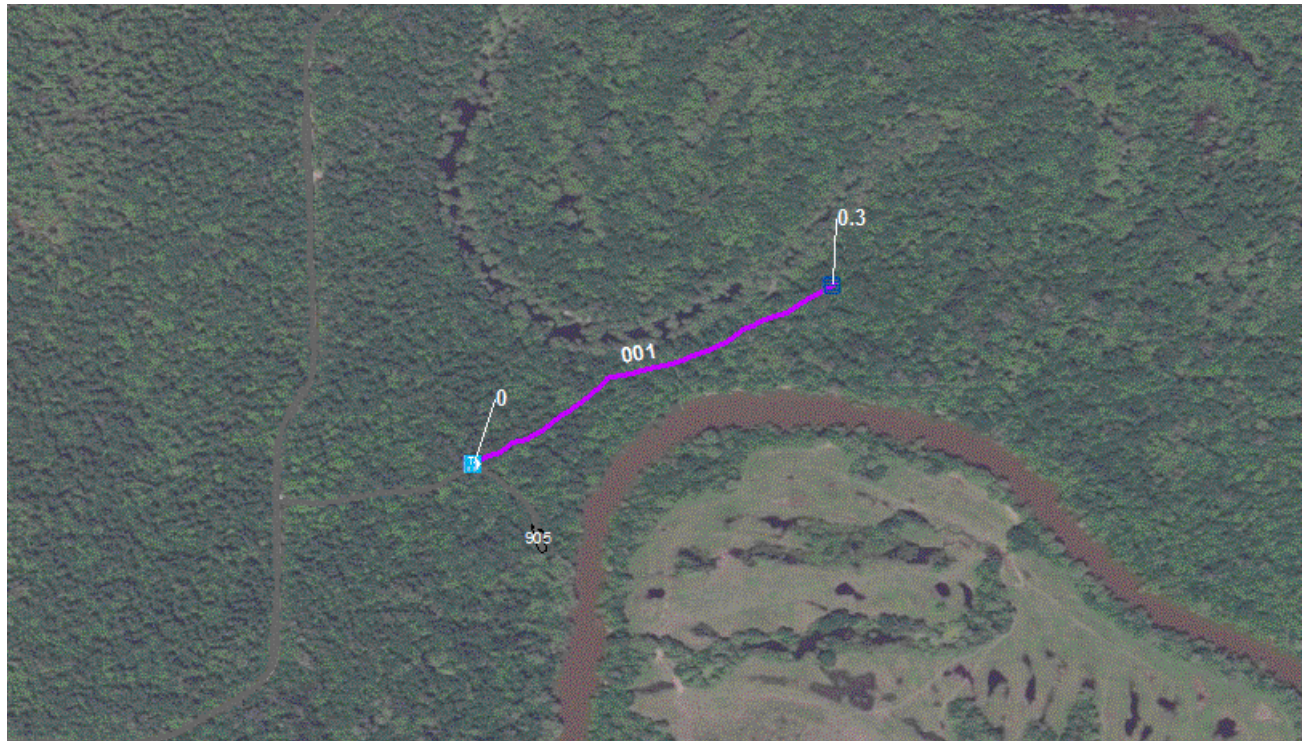
Section Number	001
Section Length (miles)	0.38
SAMMS Number	10037252
Rating Date	06/15/2006
<b>Trail Section Information</b>	
Trail Class	TC3
Surface Type	Admin Road
Surface Firmness	Firm
Width (inches)	96
Average Grade (%)	2.9
Average X-slope (%)	1.10
<b>Trail Condition Information</b>	
Deferred Maintenance	
CRV	
FCI	
Condition	

### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition



## TRAIL CONDITION



**Trail Name:** Horseshoe Trail  
**Trail Number:** T302

**Refuge Name:** Little River NWR  
**Region:** 2

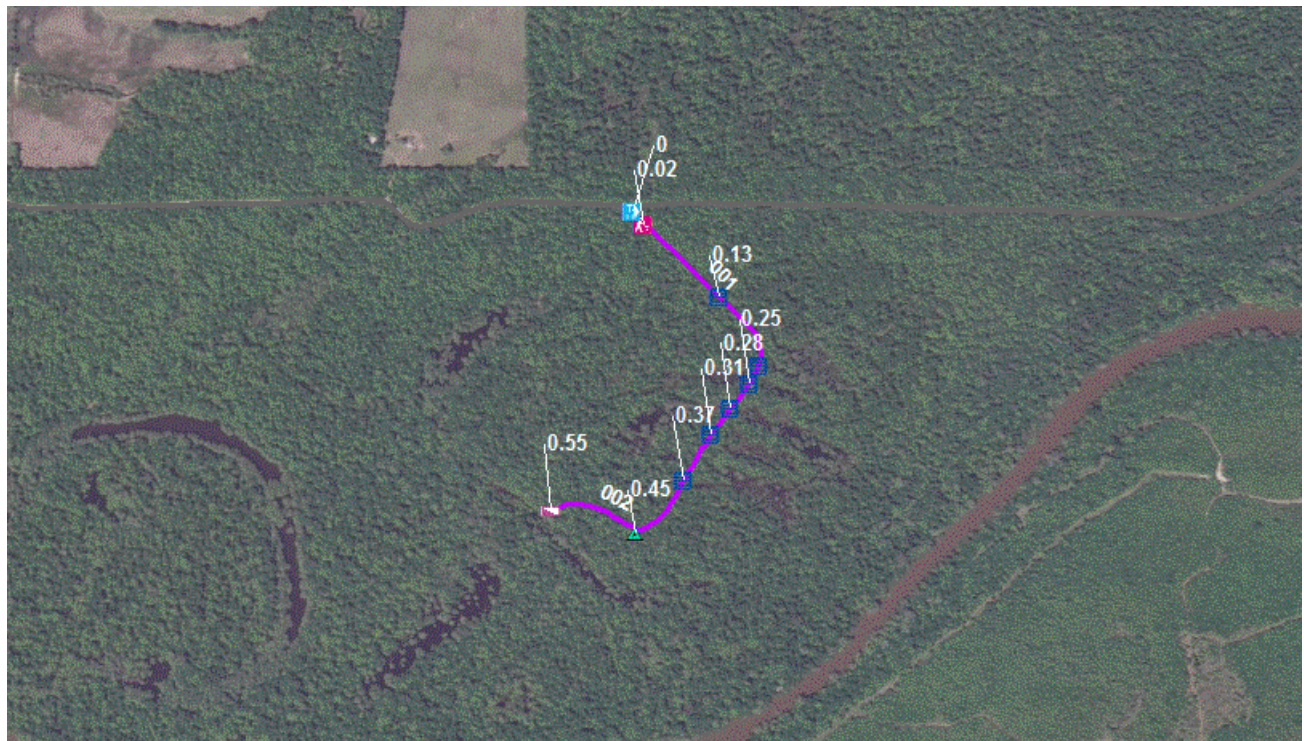
**Total Length:** 0.17 Miles

Section Number	001
Section Length (miles)	0.31
SAMMS Number	10037252
Rating Date	06/15/2006
<b>Trail Section Information</b>	
Trail Class	TC3
Surface Type	Admin Road
Surface Firmness	Firm
Width (inches)	96
Average Grade (%)	3.5
Average X-slope (%)	4.80
<b>Trail Condition Information</b>	
Deferred Maintenance	
CRV	
FCI	
Condition	

### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition

## TRAIL CONDITION



**Trail Name:** Nine Mile Eddy Trail  
**Trail Number:** T303

**Refuge Name:** Little River NWR  
**Region:** 2

**Total Length:** 0.56 Miles

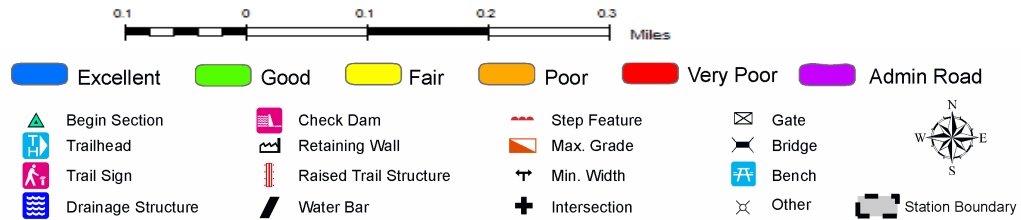
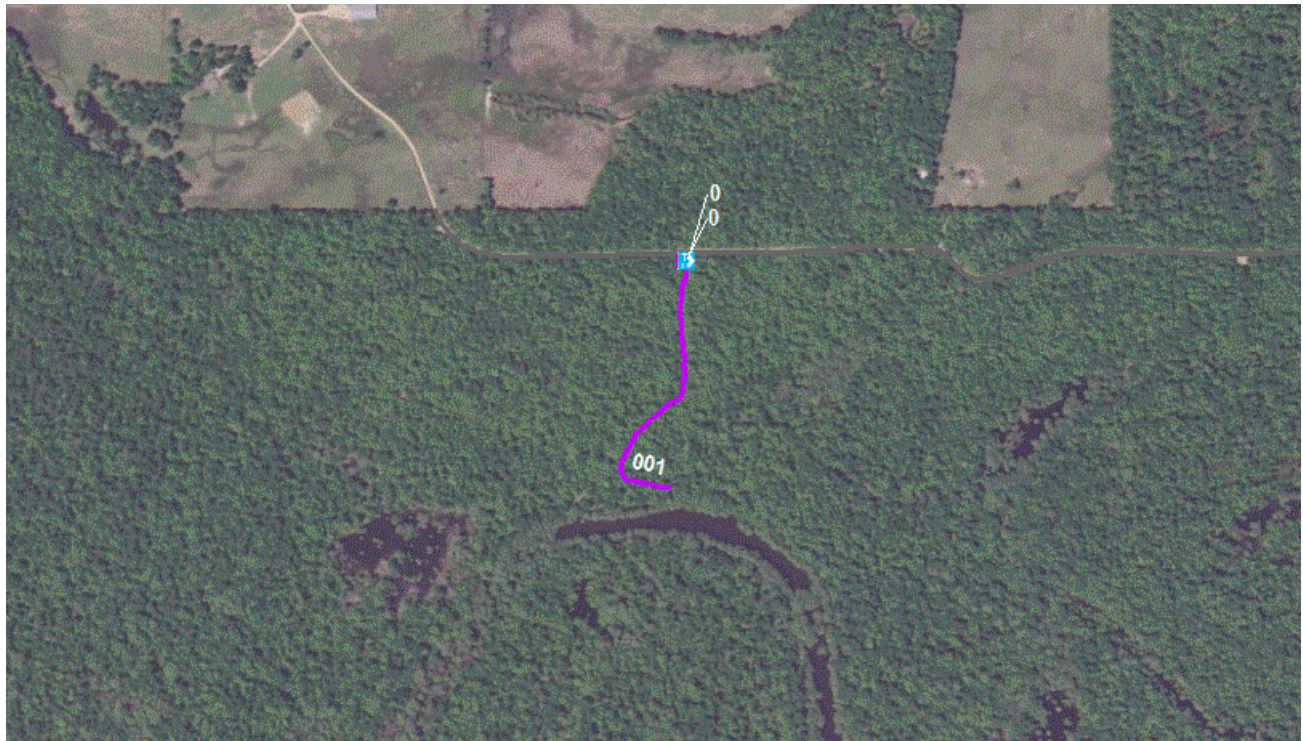
Section Number	001	002
Section Length (miles)	0.46	0.10
SAMMS Number	10037252	10037252
Rating Date	06/15/2006	03/23/2011
<b>Trail Section Information</b>		
Trail Class	TC3	TC3
Surface Type	Admin Road	Admin Road
Surface Firmness	Firm	Firm
Width (inches)	96	96
Average Grade (%)	1.5	2.9
Average X-slope (%)	3.20	1.50
<b>Trail Condition Information</b>		
Deferred Maintenance		
CRV		
FCI		
Condition		

### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition



## TRAIL CONDITION



**Trail Name:** Yanubbee Lake Trail

**Refuge Name:** Little River NWR

**Trail Number:** T304

**Region:** 2

**Total Length:** 0.26 Miles

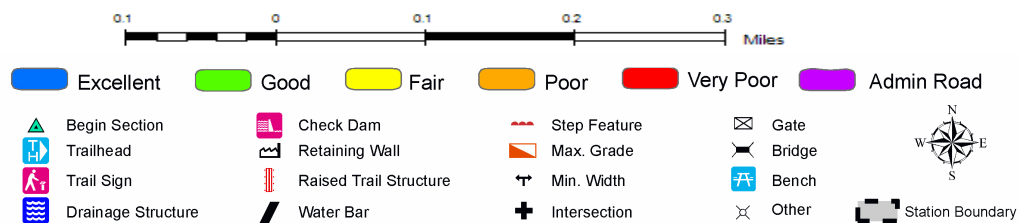
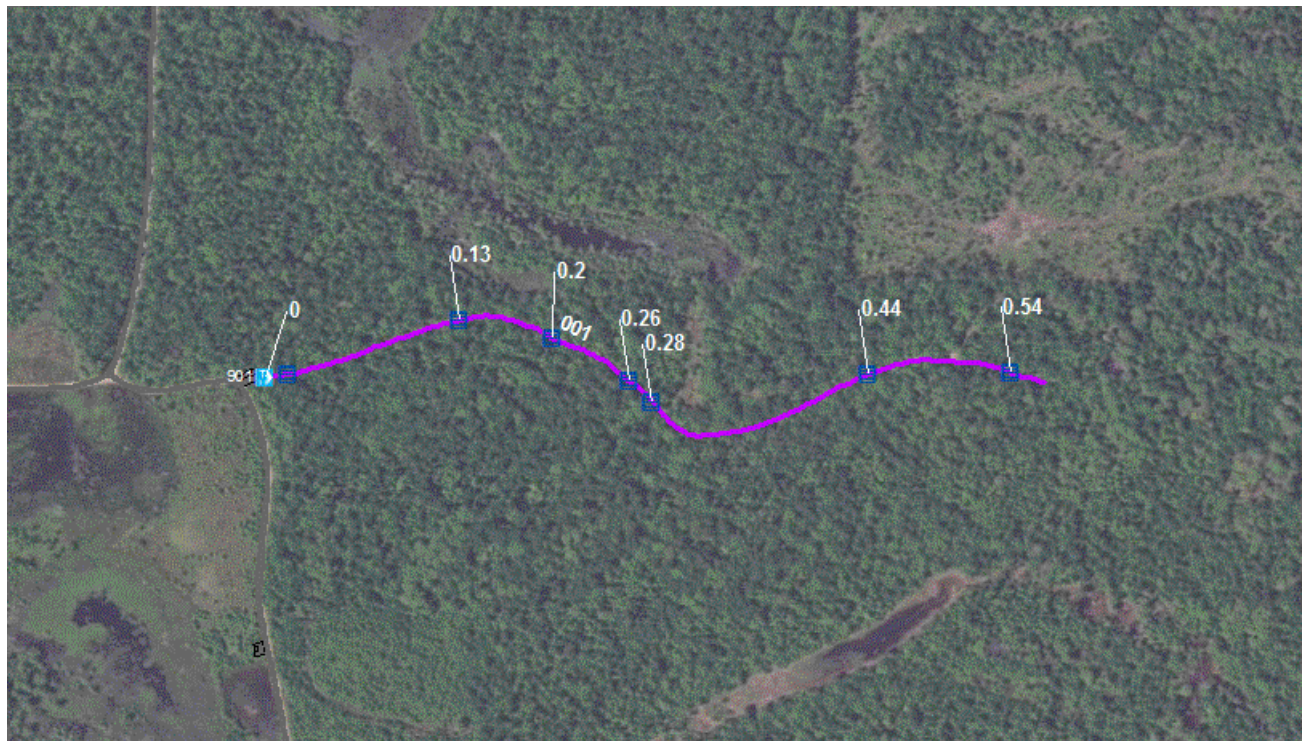
Section Number	001
Section Length (miles)	0.26
SAMMS Number	10037252
Rating Date	06/15/2006
<b>Trail Section Information</b>	
Trail Class	TC3
Surface Type	Admin Road
Surface Firmness	Firm
Width (inches)	96
Average Grade (%)	1.2
Average X-slope (%)	1.90
<b>Trail Condition Information</b>	
Deferred Maintenance	
CRV	
FCI	
Condition	

### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition



## TRAIL CONDITION



**Trail Name:** Lizard Slough Trail  
**Trail Number:** T305

**Refuge Name:** Little River NWR  
**Region:** 2

**Total Length:** 0.56 Miles

Section Number	001
Section Length (miles)	0.56
SAMMS Number	10037252
Rating Date	06/15/2006
<b>Trail Section Information</b>	
Trail Class	TC3
Surface Type	Admin Road
Surface Firmness	Firm
Width (inches)	125
Average Grade (%)	2.7
Average X-slope (%)	2.50
<b>Trail Condition Information</b>	
Deferred Maintenance	
CRV	
FCI	
Condition	

### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition

## TRAIL DEFICIENCY

No Deficiencies

## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300  
STATION: Little River NWR  
DATE: 06/15/2006



Photo # LIRI\_C2\_0468 - MP 0.00 - Trailhead

TRAIL NUMBER: T300  
STATION: Little River NWR  
DATE: 06/15/2006



Photo # LIRI\_C2\_0468 - MP 0.00 - Gate



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301  
STATION: Little River NWR  
DATE: 06/15/2006



Photo # LIRI\_C2\_0469 - MP 0.00 - Trailhead

TRAIL NUMBER: T301  
STATION: Little River NWR  
DATE: 06/15/2006



Photo # LIRI\_C2\_0469 - MP 0.01 - Sign

## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301  
STATION: Little River NWR  
DATE: 06/15/2006



Photo # LIRI\_C2\_0469 - MP 0.01 - Gate

TRAIL NUMBER: T302  
STATION: Little River NWR  
DATE: 06/15/2006



Photo # LIRI\_C2\_0470 - MP 0.00 - Trailhead

## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T303  
STATION: Little River NWR  
DATE: 06/15/2006



Photo # LIRI\_C2\_0472 - MP 0.00 - Trailhead

TRAIL NUMBER: T303  
STATION: Little River NWR  
DATE: 06/15/2006



Photo # LIRI\_C2\_0473 - MP 0.02 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T303  
STATION: Little River NWR  
DATE: 03/23/2011



Photo # LIRI\_C2\_0229 - MP 0.45 - Begin Section

TRAIL NUMBER: T304  
STATION: Little River NWR  
DATE: 06/15/2006



Photo # LIRI\_C2\_0476 - MP 0.00 - Trailhead



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T304  
STATION: Little River NWR  
DATE: 06/15/2006



Photo # LIRI\_C2\_0476 - MP 0.00 - Sign

TRAIL NUMBER: T305  
STATION: Little River NWR  
DATE: 06/15/2006



Photo # LIRI\_C2\_0477 - MP 0.00 - Trailhead



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T305  
STATION: Little River NWR  
DATE: 06/15/2006



Photo # LIRI\_C2\_0477 - MP 0.00 - Sign

TRAIL NUMBER: T305  
STATION: Little River NWR  
DATE: 06/15/2006



Photo # LIRI\_C2\_0477 - MP 0.00 - Gate

## Glossary of Terms and Abbreviations

<b>Acc Info</b>	Accessibility information available at trailhead.
<b>Action</b>	Action required to correct deficiency.
<b>Admin Road</b>	Administration Road. Admin Roads signed and advertised as trails are included in the trail inventory but a condition assessment is NOT done.
<b>Alt SAMMS</b>	SAMMS number of Alternate Facility Type.
<b>Alt Type</b>	Alternate Facility Type. Trail lies on a feature such as a levee, dam, administrative road or bridge, which has a separate SAMMS number.
<b>AvgGrade</b>	The average grade of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
<b>AvgSlope</b>	The average cross-slope of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
<b>Check Dam</b>	A small dam constructed across a drainage ditch, swale, or channel to lower the speed of concentrated flows.
<b>Condition</b>	Subjective rating of trail based on Facility Condition Index (FCI): FCI $\leq$ .01 = Excellent FCI .02 - .05 = Good FCI .06 - .10 = Fair FCI .11 - .20 = Poor FCI $>$ .20 = Failed
<b>Crib Wall</b>	Retaining wall.
<b>Current Replacement Value (CRV)</b>	The value of an asset determined by the estimated cost of replacing it.
<b>Def type</b>	Deficiency Type: Trail Structure, Drainage, Erosion, Obstacle, Trail Location, Other.
<b>Deferred Maintenance (DM)</b>	Maintenance that was not performed when scheduled.



<b>Elem ID</b>	Unique identifier for each trail section: Org Code-Trail Number-Section Number.
<b>Facility Condition Index (FCI)</b>	DM/CRV
<b>Grouped Features</b>	Grouped features include non-unique signs (mileposts, interpretive signs, species identification, etc.), water bars, check dams, steps, drain and drainage dips. For any given grouped feature, a GPS point and photo are taken for the first occurrence only and the total number of features in the group are entered into the “quantity” field of the data dictionary.
<b>Info Type</b>	Type of accessibility information available at trailhead: brochure, sign or other.
<b>Item</b>	Item on which the “Action” (see above) will be performed.
<b>Manage_Use</b>	Managed use of the trail: HIKE, BIKE, NSPC (non-specified), PACK, POR (portage), SNOWSHOE, XSKI (cross-country ski), OTHER.
<b>MP</b>	Distance of a trail feature or deficiency from the Trailhead.
<b>Puncheon</b>	Log footbridge used in area of poor drainage.
<b>Raised Trail Structure</b>	Boardwalk, Turnpike, Puncheon.
<b>T Class</b>	Trail Class: I-V (see Appendix ? for trail class descriptions).
<b>Tr Desig</b>	Trail Designation: Standard (Std), National Historic Trail (NHT), National Recreation Trail (NRT), National Scenic Trail (NST).
<b>Turnpike</b>	Trail tread elevated with dirt, rock or other aggregate from parallel side ditches and held in place by logs.